

XhoI

1 ACCANACCCAAABAAAGAGATCTGGAATTCGGATCCTCGAGGCCACGAAGGCCAAACAG  
61 TGTGAGCCCTTTAAATGCAGCATCTGCCGATGTGAGGAAGGCACCTCCACCAGAAACCT  
121 TCGGATCAATTCCTCAGCTGGTGGCNCACCAAGTGGCACAACAGTATGCCACCCCAACCC  
181 CCTTAAAAGGCAACAGGAGAAAGTTCAAANGCAGGACAAAGAGAACTGAAAGA  
241 CAGGAAATTAGTCTTAGTGTACCAAGAAAAATACCAACAGAAACCTAAACCAAGTC  
301 TGACATTCTGAAGATCCTCCTAGTGAAGCAAAACAGCATACACTCTGCAATGCTACAC  
361 AAAGACCAGCGAAACAAATCACACCTCAAGGCCCTGGCTGAAAAACGTGGACAGAGCAC  
421 TGCACAGCAGTTGGCAGTAACTGTGGCCACGTCACCGTCATTATCACAGACTTAAAGGA  
481 AAAGCTCGCTCCTCATCGACATCCTCATCCACAGTGCCTCCAGTGCAGGGTCAGAAC  
541 GCAGAACAGASCAGCTCGGGGTGAGAGAGCACAGACAAGGGCTCCTCCCGTTCTCCAC  
601 GCCAAAGCCCGACATGTCAGCAGTCAATGATGAATCTTTCTGAAATTCACATGGAATG  
661 TGAAACTATGAATCAGGGTATGAAATCAAACCTCCACTGCCCATGCTGCTGCATC  
721 CCTGGAGAACTCTTCTGTGCACATCGACCTCTTAGTGTATGCTGCCAGGATAATTTCTGCTT  
781 GCCATGGGCATCTGGCCACCAAGGAATTTGCAACCTGACGATTACTCTGACACTTTTA  
841 TGTATTCCATTGTTTTATATGATTTTCTAACAAATCATTTATAATTGGATGTGCTCTGA  
  
XhoI  
901 ATCTACTTTTATAAAAAAAGCCTTGTGGCCTCGAGAGATCTATGA

Figure 1

I TATACCTATCTATT...GATGAGATACCCACCHACCCAAAAAAGAG...GAAT  
 XhoI  
 61 TCGGATCCTCGAGGCCACGAAGGCCTTCTCTCTCGAGCGCGCGCGCTTCGGCTTGGG  
 121 GGGCCGGGGTACAGCCCATCCATGACCATGGGCGACAGAAAGGCTCGACCAGGCCAAA  
 181 AGCAAGCGAAACCTGCCCGCAGACGAAGGGTTTGGGATTCGTAGCGTCTGCACCTTCAGA  
 241 AACAGTCTCTAAGCCTTTAAATGCACCATCTCGCATGTGAGGAAAGGCACCTCCACCAGA  
 301 AAACCTCGGATCAATTCTCAGCTGGTGGCACAACAGTGGCACAACAGTATGCCACCCCA  
 361 CCACCCCTAAAAAGGAGAAGAGAGGAAGCTTCAAAGCAGGCACAAAGAGAAACCTGAG  
 421 AAAGACAAGGAAATTAGTCTAGTGTACCAAGAAAAATACCAACAGAAACCAACCA  
 481 AAGTCTGACATTCTGAAAGATCTCTAGTGAAGCAAACAGCATACAGTCTGCNAATGCT  
 541 ACAACAAAGACCAGCGAAACAAATCACACCTCAAGGCCCGGCTCAAAAACGTGGACAGG  
 601 AGCACTGCACAGCAGTTCGCCAGTACTGTGGGCAACGTACCGTCAATTATCACACACTT  
 661 AAGGAAAGACTCGCTCCTCATGACATCCTCATCCACAGTACCTCCAGTGCAGGCTCA  
 721 GAACAGCACAACCAGAGCAGCTCGGGGTACAGAGGCACAGACAAGGGCTCCTCCGTTCC  
 781 TCCAGGCCAAAGGGCGACATGTACAGCACTCAATGATGAATCTTTCTGAAATTGCACATGG  
 841 AATTGTGAAAACATGAATCAGGGTATGAAATTCAAACCTCCACCTGCCCATGCTGCTT  
 901 GCATCCCTGGAGAATCTTCTGTGGACATCGACCTCTTAGTGATGCTGCCAGGATAATTTC  
 961 TGCTTGCCATGGGCATCTGGCCACCAAGGAATTTCCACCTGACGATTACTCTTGCAC  
 1021 TTTATGTATTCATTGTTTTATATGATTTTCCTAACAATCAITTAATTCGATGTGCT  
 XhoI  
 1081 CCTGAATCTACTTTTATAAAAAGGCCTTCGTGGCCTCGAGAGATCTATGA

Figure 2

1	HEGLSEPSGA	GEGLGAGYS	ESMAGGQMS	PEPPEQAKP
41	AADEGWDGS	VCTPNSAEK	YRSTICDVRK	GSSTPKEPILN
81	SQVAAQVVAQ	QZATPPEPK	KREKVKED	KKPKKDMFI
121	SPSVTKKNTN	KCTQPSDIL	KDPPSEANSI	QSANATKTS
161	KTNHTRPFL	KNVDSERQQ	LAVTVGNVTV	LLDDEKTR
201	SSSTSSSTVT	SSAGTRQONQ	SSSGSSSTDK	GSSESTPKG
241	DMSAVNDSF	*NCTWNCENY	ESGYEIQLH	LPMLLASLEN
281	LLWTSTS**C	QDNFCLPWA	SGHQGISHFD	DYS*HFYVFR
321	CFI*FS*QSF	IIGCAPESTF	YKQAFVASRD	L*

Figure 3

005020-0055500

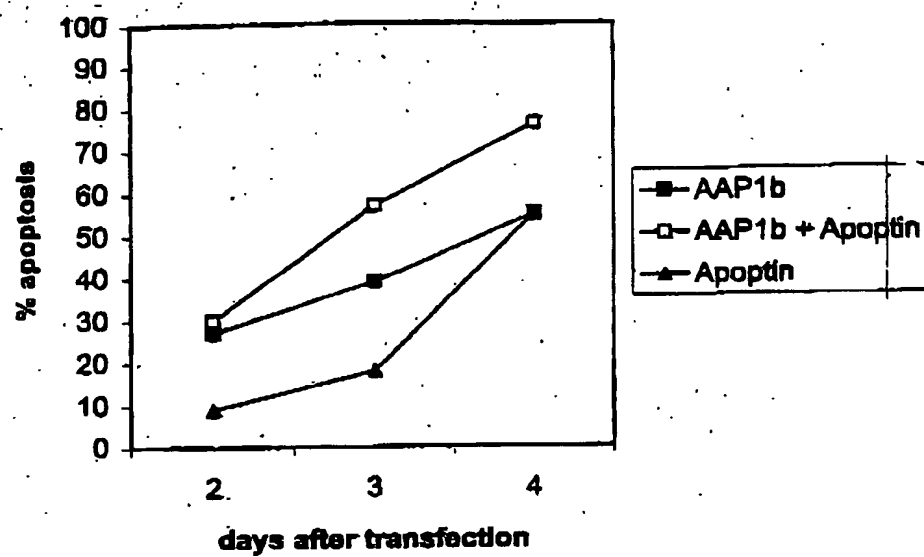


Figure 4